

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Complete if Known

Application Number	10/587,569
Filing Date	July 31, 2006
First Named Inventor	CAPPOLA, Thomas
Art Unit	1631 xxxx 1634
Examiner Name	Not yet known xxxxxxx ST Kapushoc
Attorney Docket Number	P-7627-US

Sheet 1 of 4

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/STK/	A	US-2004/0009479	Jan. 15, 2004	Wohlgemuth, et al	
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
/STK/	B	WO 9915700	04/01/1999			<input type="checkbox"/>
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Examiner
Signature

/Stephen Kapushoc/

Date
Considered

06/11/2009

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				Art Unit	1631 1634
Sheet 2 of 4				Examiner Name	Not yet known ST Kapushoc
				Attorney Docket Number	P-7627-US

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (where appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
/STK/ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓	C	Billingham ME. et al "A working formulation for the standardization of nomenclature in the diagnosis of heart and lung rejection: Heart Rejection Study Group". The International Society for Heart Transplantation. J Heart Transplant. 1990;9:587-93	<input type="checkbox"/>
	D	Pophal SG. et al "Complications of endomyocardial biopsy in children" J Am Coll Cardiol. 1999;34:2105-10.	<input type="checkbox"/>
	E	de Groot-Kruseman HA et al, "Intragraft interleukin 2 mRNA expression during acute cellular rejection and left ventricular total wall thickness after heart transplantation". Heart. 2002;87:363-7.	<input type="checkbox"/>
	F	Shulzhenko N. et al "Monitoring of intragraft and peripheral blood TIRC7 expression as a diagnostic tool for acute cardiac rejection in humans". Hum Immunol. 2001;62:342-7.	<input type="checkbox"/>
	G	Shulzhenko N. et al "Intragraft activation of genes encoding cytotoxic T lymphocyte effector molecules precedes the histological evidence of rejection in human cardiac transplantation". Transplantation. 2001;72:1705-8.	<input type="checkbox"/>
	H	Shulzhenko N, et al "Expression of CD40 ligand, interferon-gamma and Fas ligand genes in endomyocardial biopsies of human cardiac allografts: correlation with acute rejection". Braz J Med Biol Res. 2001;34:779-84.	<input type="checkbox"/>
	I	van Emmerik N. et al "Cytokine gene expression profiles in human endomyocardial biopsy (EMB) derived lymphocyte cultures and in EMB tissue". Transpl Int. 1994;7 Suppl 1:S623-6.	<input type="checkbox"/>
	JK	Alpert S, Lewis NP et al "The relationship of granzyme A and perforin expression to cardiac allograft rejection and dysfunction". Transplantation. 1995;60:1478-85.	<input type="checkbox"/>
	K	Baan CC et al "Cytokine mRNA expression in endomyocardial biopsies during acute rejection from human heart transplants". Clin Exp Immunol. 1994;97:293-8.	<input type="checkbox"/>
	L	Kobashigawa JA. "Treatment of nonhemodynamic compromising rejection: conventional approaches vs individualization/new immunosuppressive drugs". Transplant Proc. 1997;29:37S-39S.	<input type="checkbox"/>
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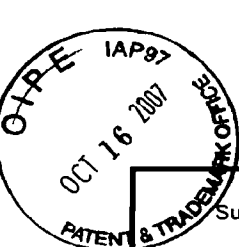
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				Art Unit	1611x 1634	
				Examiner Name	Not yet known ST Kapushoc	
Sheet	3	of	4	Attorney Docket Number		P-7627-US

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (where appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
/STK/	M	Li C, et al. "Model-based analysis of oligonucleotide arrays: expression index computation and outlier detection". 2001;98:31-36.	<input type="checkbox"/>
↓	N	Seo J, et al. "Optimizing signal/noise ratios in expression profiling: project-specific algorithm selection and detection p value weighting in affymetrix microarrays". Bioinformatics. 2004.	<input type="checkbox"/>
	O	Irizarry RA, et al "Speed TP. Exploration, Normalization, and Summaries of High Density Oligonucleotide Array Probe Level Data Biostatistics". 2003;4:249-264.	<input type="checkbox"/>
	P	Wu Z, et al "Preprocessing of oligonucleotide array data". Nat Biotechnol. 2004;22:656-8.	<input type="checkbox"/>
	Q	Ihaka R et al "A Language for Data Analysis and Graphics. Journal of Graphical and Computational Statistics". 1996;5:299-314.	<input type="checkbox"/>
	R	Tusher VG et al "Significance analysis of microarrays applied to the ionizing radiation response". Proc Natl Acad Sci U S A. 2001;98:5116-21.	<input type="checkbox"/>
	S	Eisen MB et al "Cluster analysis and display of genome-wide expression patterns". 1998;95:14863-14868.	<input type="checkbox"/>
	T	Kimball PM et al "The paradox of cytokine monitoring-predictor of immunologic activity as well as immunologic silence following cardiac transplantation". Transplantation. 1996;61:909-15.	<input type="checkbox"/>
	U	Lagoo AS et al, "Semiquantitative measurement of cytokine messenger RNA in endomyocardium and peripheral blood mononuclear cells from human heart transplant recipients". Journal of Heart & Lung Transplantation. 1996;15:206-17.	<input type="checkbox"/>
	V	Morgun A et al "Cytokine and TIRC7 mRNA expression during acute rejection in cardiac allograft recipients". Transplant Proc. 2001;33:1610-1.	<input type="checkbox"/>
	W	Valk PJ et al "Prognostically useful gene-expression profiles in acute myeloid leukemia". N Engl J Med. 2004;350:1617-28.	<input type="checkbox"/>
↓	X	Bullinger L et al "Use of gene-expression profiling to identify prognostic subclasses in adult acute myeloid leukemia". N Engl J Med. 2004;350:1605-16.	

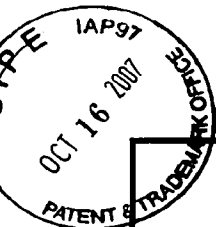
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/STK/	Y	Rosenwald A et al, "The use of molecular profiling to predict survival after chemotherapy for diffuse large-B-cell lymphoma". N Engl J Med. 2002;346:1937-47.	<input type="checkbox"/>
↓	Z	Sarwal M et al, "Molecular heterogeneity in acute renal allograft rejection identified by DNA microarray profiling". N Engl J Med. 2003;349:125-38.	<input type="checkbox"/>
	a	Inohara N et al, "CLARP, a death effector domain-containing protein interacts with caspase-8 and regulates apoptosis". Proc Natl Acad Sci U S A. 1997;94:10717-22.	<input type="checkbox"/>
	b	Expression profiling—best practices for data generation and interpretation in clinical trials. The Tumor Analysis Best Practices Working Group. Nat Rev Genet. 2004;5:229-37.	<input type="checkbox"/>
	c	Baechler EC et al, "Expression levels for many genes in human peripheral blood cells are highly sensitive to ex vivo incubation". Genes Immun. 2004.	<input type="checkbox"/>
	d	Guerette B et al "Increased granzyme B mRNA after alloincompatible myoblast transplantation" Transplantation, Williams and Wilkins, Baltimore, MD US., vol. 60, no. 9, Nov 15, 1995 (pages 1011-1016	<input type="checkbox"/>
	e	Tewari, M. et al "Lymphoid expression and regulation of A20, an inhibitor of programmed cell death" J. Immunol., vo. 154, No. 4 1995, pages 1699-1706	<input type="checkbox"/>
	f	Clement, M.V. et al "Perforin and granzyme B expression is associated with severe acute rejection" Transplantation, vol., 57 no. 3, 1994, pages 322-326	<input type="checkbox"/>
	g	Strehlau J., et al "Quantitative detection of immune activation transcripts as a diagnostic tool in kidney transplantation" Proceedings of the National Academy of Sciences of USA, National Academy of Science, Washington, US, vol. 94, 1997, pages 695-700	<input type="checkbox"/>
	h	Griffiths G M et al "Granzyme A and perforin as markers for rejection in cardiac transplantation: European Journal of Immunology, Weinheim, de, vol. 21, 1991, pages 687-692	<input type="checkbox"/>
	i	Lipman M.L. et al "Heightened intra-graft cytotoxic T lymphocyte gene expression in acutely rejecting renal allografts" J. Immunol., vol. 152, 1994, pages 5120-5127	
j	Soares, M.P. et al "Expression of heme oxygenase-1 can determine cardiac xenograft survival" Mat. Med., vol., 4, no. 9, September 1998, pages 1073-1077		

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